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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,524	01/31/2001	Yue Yun Wang	29766-67966	4457
30450	7590	06/07/2004	EXAMINER	
CUMMINS, INC. 11 SOUTH MERIDIAN INDIANAPOLIS, IN 46204			HIRSCH, PAUL J	
			ART UNIT	PAPER NUMBER
			3754	14
DATE MAILED: 06/07/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

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14

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Commissioner for Patents

The reply filed on April 26, 2003 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): See attachment. See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Paul J. Hirsch
Primary Examiner
Art Unit: 3754

Art Unit: 3747

Election/Restriction

1. Applicant has not listed the claims that correspond to the previous species restriction requirement, Paper #6 mailed march 20, 2002. Applicant has essentially stated that all claims are generic by stating that all claims read on Fig. 1, which is considered non-responsive as stated in the previous restriction requirement. Each of the following sets of claim(s) recite method/apparatus limitations not included in the others. Specifically in the last ten lines of the associated independent claims and are thus considered patentably distinct inventions.

I) Claims 1-6, 18-21

V) Claim 24

II) Claims 7-17

VI) Claim 25

III) Claim 22

VII) Claim 26

IV) Claim 23

The previous restriction requirement is repeated and incorporated herein and in agreement with the above claim Groupings. In complete response to this action, Applicant must elect one of the above patentably distinct inventions even though the requirement be traversed.

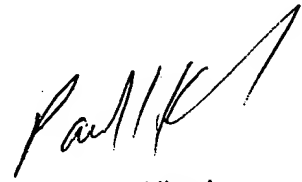
Failure to properly respond to this action will raise the question of abandonment.

Art Unit: 3747

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Primary Examiner Paul Hirsch whose telephone number is (703) 308-2697.

pjh

May 23, 2002

A handwritten signature in black ink, appearing to read "Paul J. Hirsch", written in a cursive style.

Paul J. Hirsch
Primary Examiner